

What is claimed is:

1. A burn-in socket assembly, adapted to receiving an integrated circuit (IC) therein and be operated at high temperature for an extended period of time to accelerate potential failure points, the burn-in socket assembly comprising:  
an insulative base defining a generally rectangular cavity in a middle thereof and forming at least one receiving element on at least one side thereof, said at least one receiving element defining an aperture extending therethrough; and  
a sensor accommodated in the aperture to provide signals to a controller during being operated at the high temperature.
2. The burn-in socket assembly as claimed in claim 1, wherein there are two receiving elements formed at front and end sides of the base respectively.
3. The burn-in socket assembly as claimed in claim 2, wherein each receiving element comprises a body portion, and a pair of spaced top portions extending upwardly from the body portion.
4. The burn-in socket assembly as claimed in claim 3, wherein each top portion has a slit extending through a middle portion thereof, the slit providing flexibility for the top portion.
5. The burn-in socket assembly as claimed in claim 2, wherein the receiving element formed on the front side extends from the front side into the cavity, and the receiving element formed on the end side extends outwards from the end side.

6. The burn-in socket assembly as claimed in claim 1, further comprising: a slider member mounted onto the base and capable of moving along the base, a pair of actuation members assembled onto the base, and a cover assembled onto the actuation members and capable of moving up and down.
7. A burn-in socket assembly comprising:
  - an insulative base;
  - a slider member mounted onto the base and capable of moving relative to the base;
  - a pair of actuation members assembled on the base;
  - a cover assembled on the actuation members and capable of moving from one position to another position;
  - at least one spring assembled between the base and the cover; and
  - wherein the base forms a receiving element on one side thereof for receiving a sensor.
8. The burn-in socket assembly as claimed in claim 7, wherein the receiving element comprises a body portion, a pair of spaced top portions extending upwardly from the body portion and an aperture defined therethrough.
9. The burn-in socket assembly as claimed in claim 8, wherein each of the top portions defines a slit extending through a middle portion thereof for providing flexibility for the top portion.
10. The burn-in socket assembly as claimed in claim 7, wherein there are four springs each having ends received in the base and opposite ends abutting against a bottom of the cover.

11. A burn-in socket assembly comprising:

an insulative base;

a slider member retainably mounted onto the base and capable of moving relative to the base along a horizontal direction;

a cover assembled to the base and capable of moving from one position to another position relative to the base in a vertical direction perpendicular to said horizontal direction;

at least one spring assembled between the base and the cover to urge said base and said cover away from each other in said vertical direction; and

at least one actuation member linked between said cover and said base with thereof opposite upper and lower end sections pivotally connected to said cover and said base, respectively;; wherein

said lower end section actuates the slider member to move in said horizontal direction when said cover is move along said vertical direction.